

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102924\
 Data File : VX043603.D
 Acq On : 29 Oct 2024 17:34
 Operator : JC/MD
 Sample : P4600-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-190-GW-478-480

Quant Time: Oct 30 01:35:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

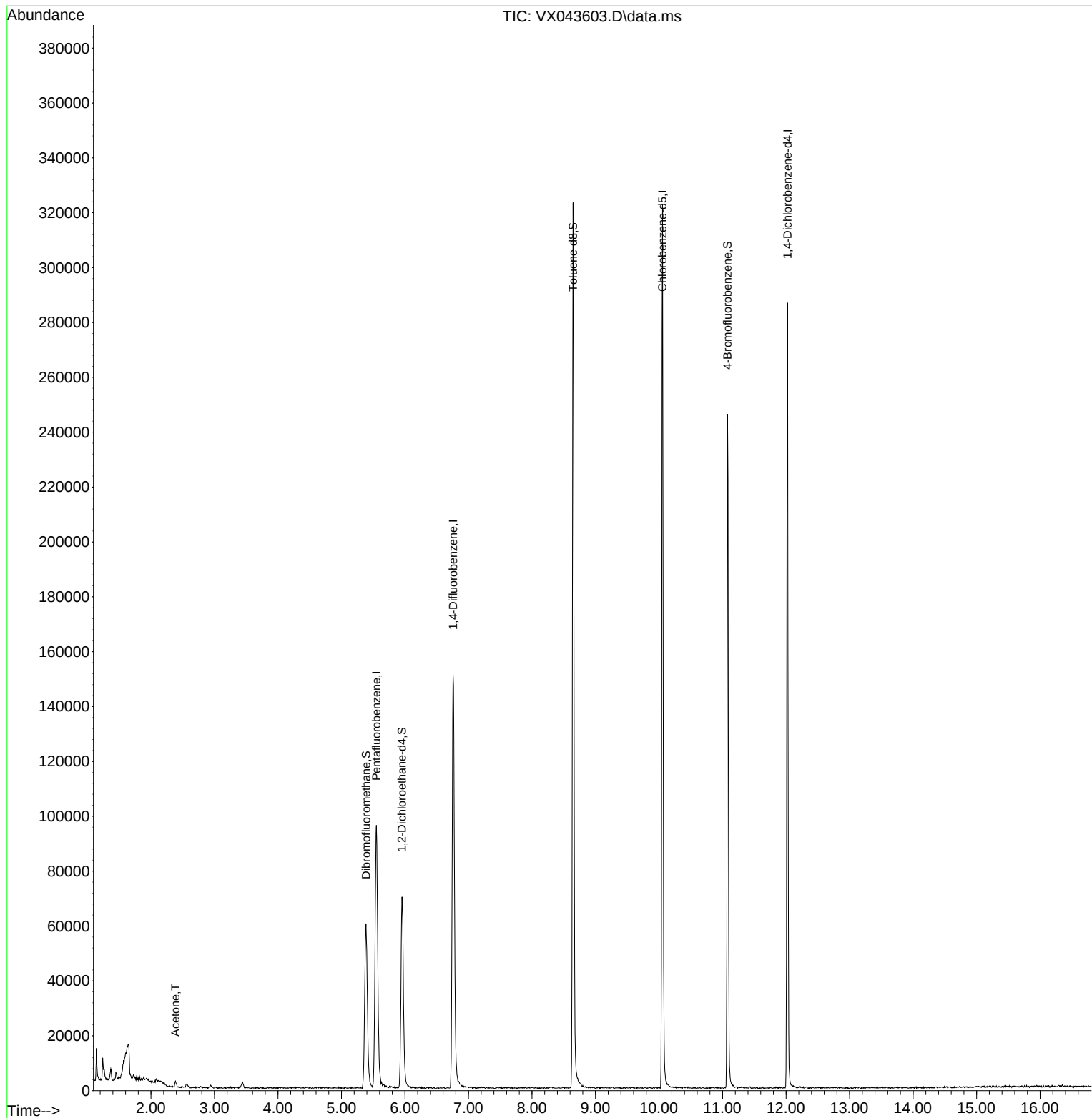
Internal Standards						
1) Pentafluorobenzene	5.550	168	94384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	172755	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	155902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65649	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68571	45.563	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.120%
35) Dibromofluoromethane	5.385	113	55642	47.499	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.000%
50) Toluene-d8	8.646	98	200489	49.441	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.880%
62) 4-Bromofluorobenzene	11.079	95	71559	47.623	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.240%
Target Compounds						
16) Acetone	2.385	43	2554	4.274	ug/l	Qvalue # 88

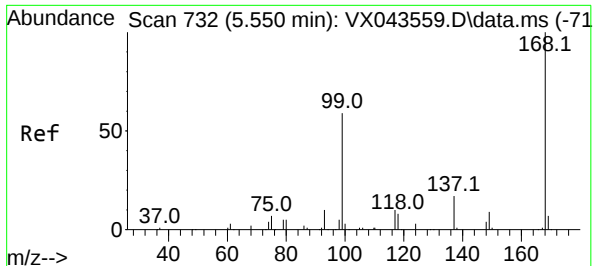
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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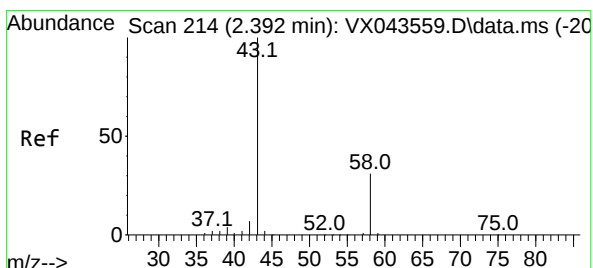
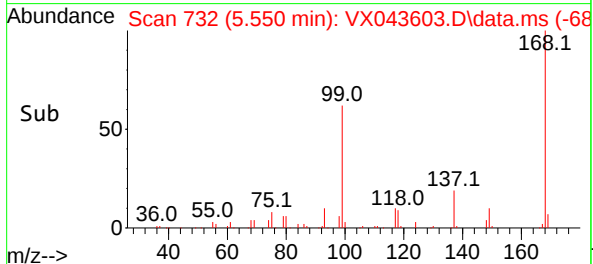
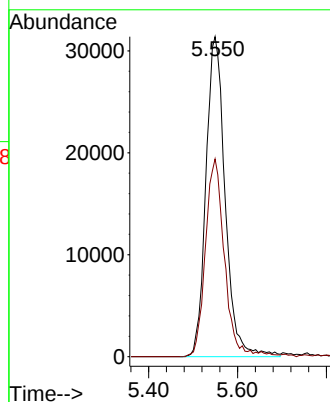
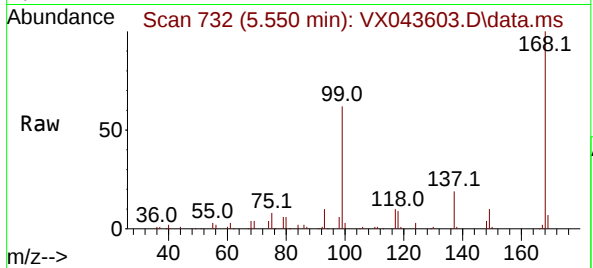




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043603.D
Acq: 29 Oct 2024 17:34

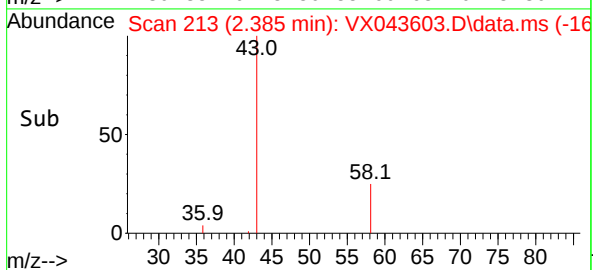
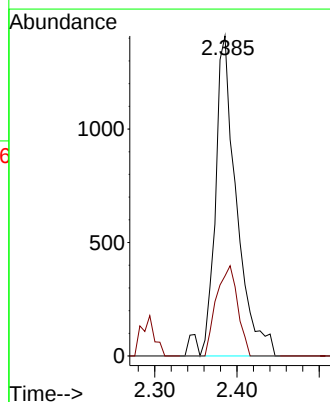
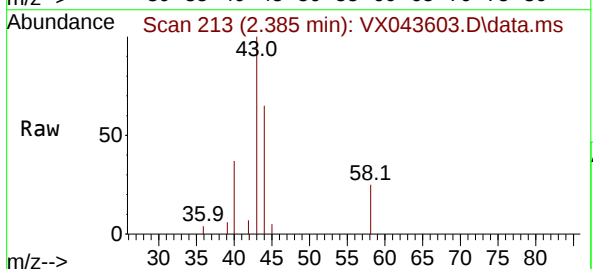
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190-GW-478-480

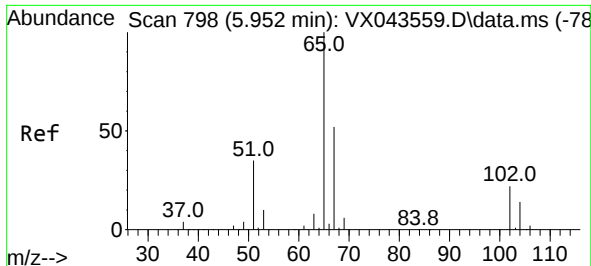
Tgt Ion:168 Resp: 94384
Ion Ratio Lower Upper
168 100
99 61.8 52.6 78.8



#16
Acetone
Concen: 4.274 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX043603.D
Acq: 29 Oct 2024 17:34

Tgt Ion: 43 Resp: 2554
Ion Ratio Lower Upper
43 100
58 25.0 25.1 37.7#





#33

1,2-Dichloroethane-d4

Concen: 45.563 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX043603.D

Acq: 29 Oct 2024 17:34

Instrument :

MSVOA_X

ClientSampleId :

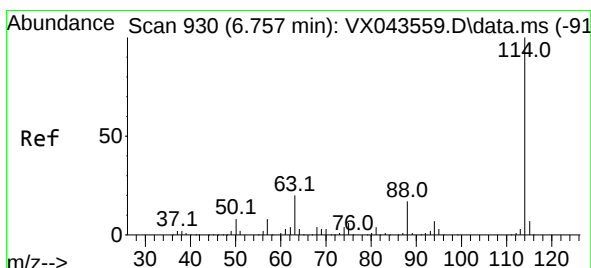
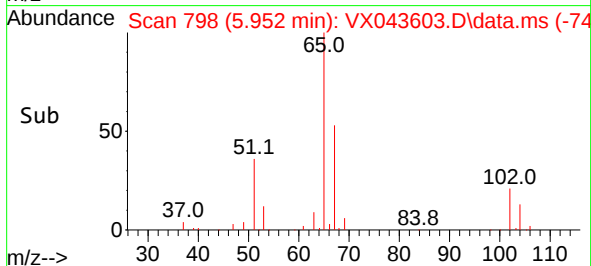
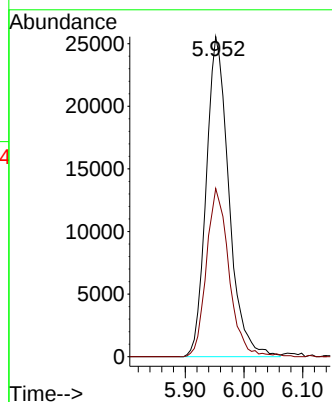
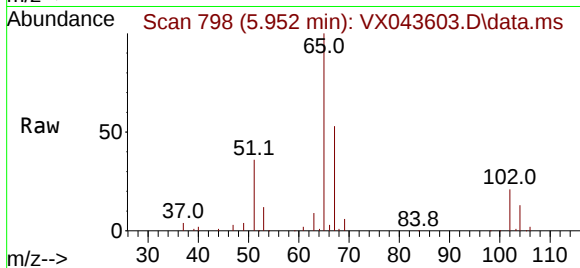
BP-VPB-190-GW-478-480

Tgt Ion: 65 Resp: 68571

Ion Ratio Lower Upper

65 100

67 52.1 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX043603.D

Acq: 29 Oct 2024 17:34

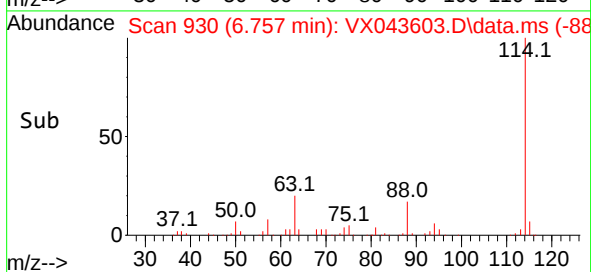
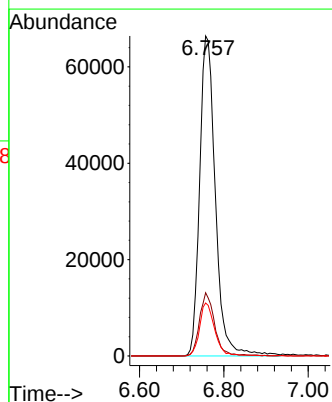
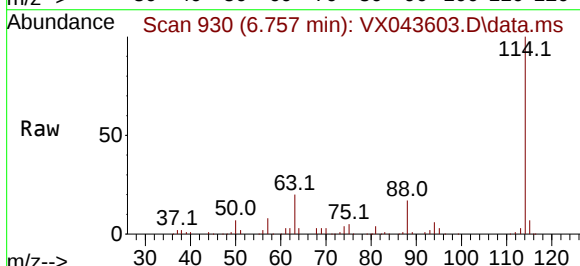
Tgt Ion: 114 Resp: 172755

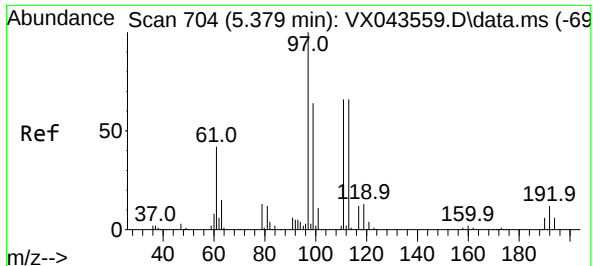
Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.2

88 16.6 0.0 34.0





#35

Dibromofluoromethane

Concen: 47.499 ug/l

RT: 5.385 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX043603.D

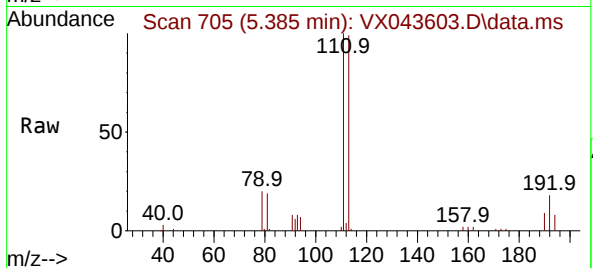
Acq: 29 Oct 2024 17:34

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-190-GW-478-480



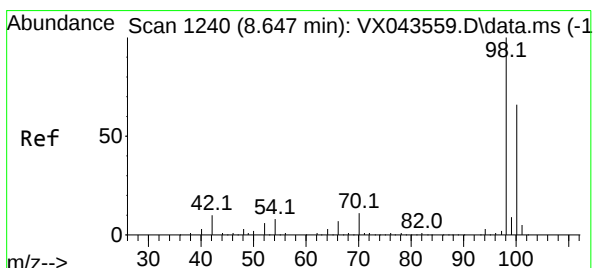
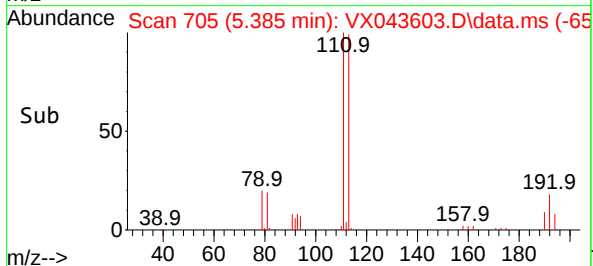
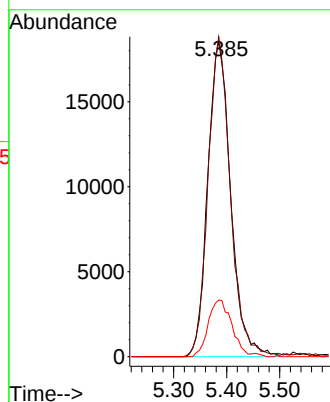
Tgt Ion:113 Resp: 55642

Ion Ratio Lower Upper

113 100

111 98.9 81.4 122.0

192 18.4 14.1 21.1



#50

Toluene-d8

Concen: 49.441 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX043603.D

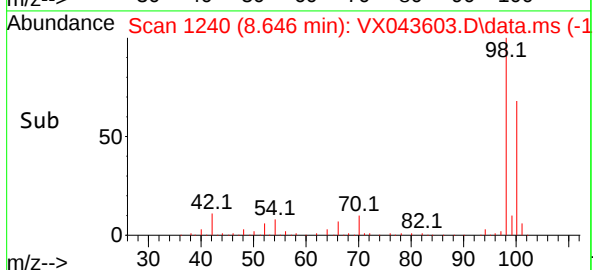
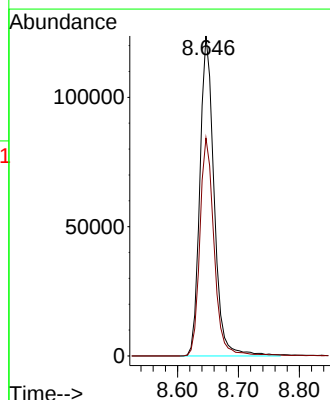
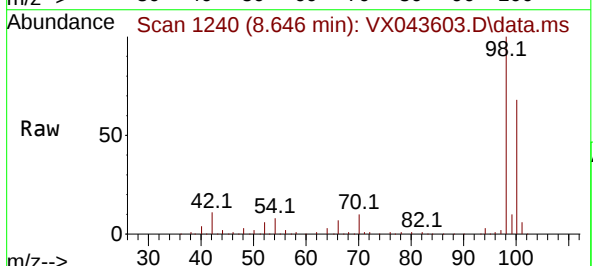
Acq: 29 Oct 2024 17:34

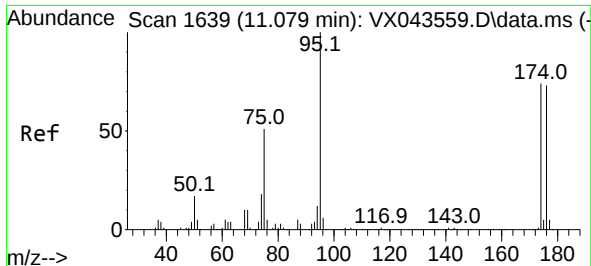
Tgt Ion: 98 Resp: 200489

Ion Ratio Lower Upper

98 100

100 68.6 53.4 80.2





#62

4-Bromofluorobenzene

Concen: 47.623 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043603.D

Acq: 29 Oct 2024 17:34

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-190-GW-478-480

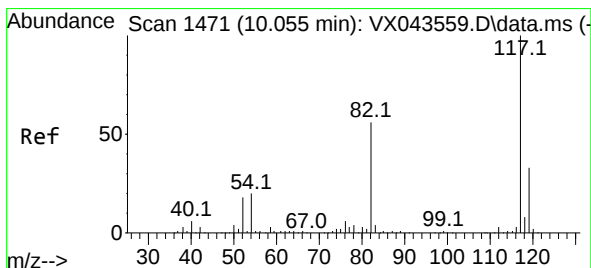
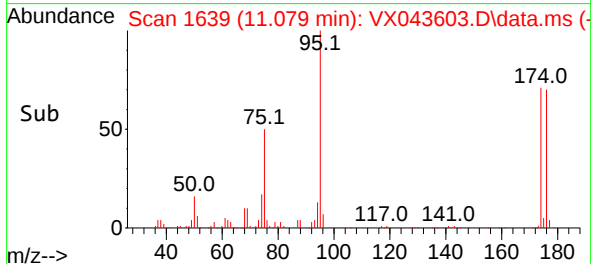
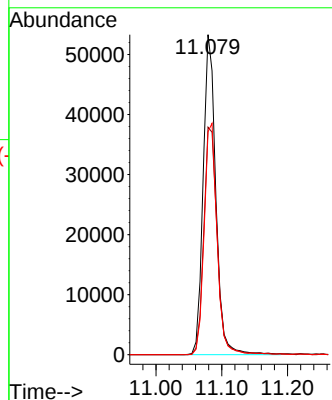
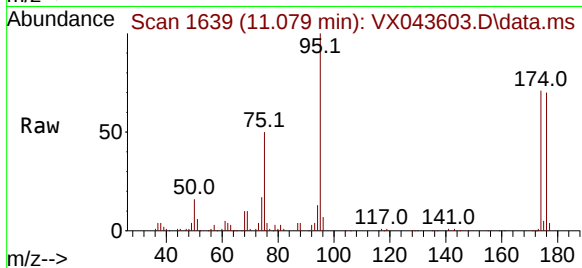
Tgt Ion: 95 Resp: 71559

Ion Ratio Lower Upper

95 100

174 74.7 0.0 146.6

176 73.6 0.0 139.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX043603.D

Acq: 29 Oct 2024 17:34

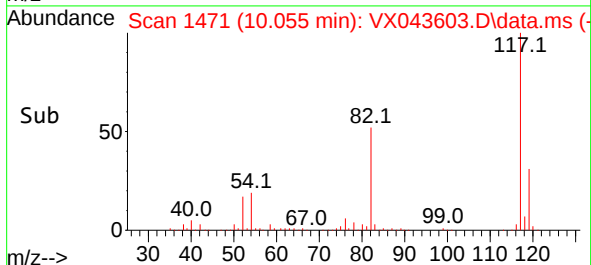
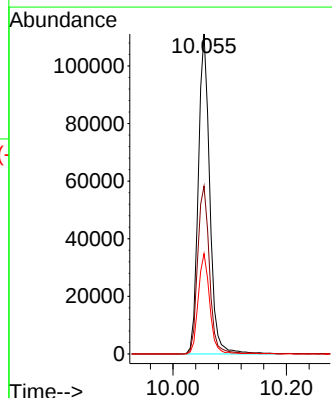
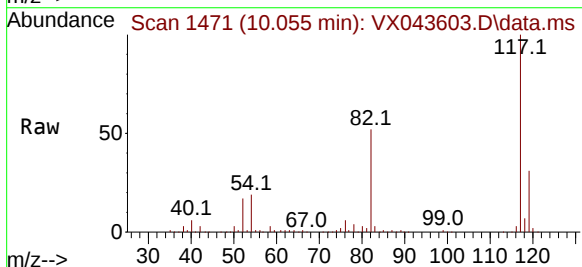
Tgt Ion: 117 Resp: 155902

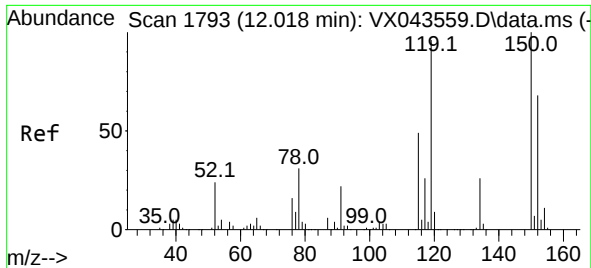
Ion Ratio Lower Upper

117 100

82 52.4 42.1 63.1

119 31.3 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX043603.D

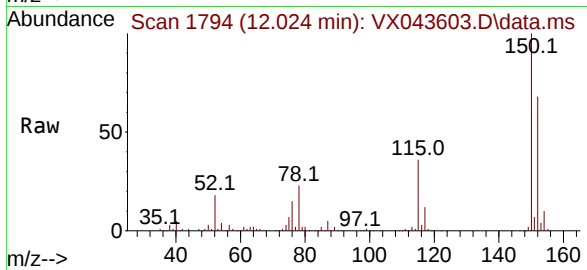
Acq: 29 Oct 2024 17:34

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-190-GW-478-480



Tgt Ion:152 Resp: 65649

Ion Ratio Lower Upper

152 100

115 58.8 42.9 128.7

150 151.4 0.0 343.6

